July/August/September 1997 Volume 22, Number 3

A summary of recent news stories from the University of California San Francisco

UCSF

To Our Neighbors

UCSF will expand to Mission Bay

The UC Board of Regents approved the Mission Bay site in San Francisco as the location of UCSF's next major site.

UCSF plans to develop 2.65 million square feet of biomedical laboratory space and other instructional and support facilities at the site, located north of 16th Street between Third and Owens streets.

"We began our long range planning effort nearly seven years ago with a commitment to work with the community to develop a plan that benefits the campus, our neighbors, and the entire Bay Area. The selection of Mission Bay as our major expansion site accomplishes all of our goals," says Bruce W. Spaulding, UCSF vice chancellor for advancement and planning.

Located along San Francisco Bay, Mission Bay is bounded by Townsend Street to the north, Interstate 280 to the west and Mariposa Street to the south. UCSF's site is shaded.

Owned by the Catellus Development Corporation, Mission Bay encompasses about 313 acres of mostly vacant railyards. Catellus and the City and County of San Francisco agreed to donate the 43 acres of land at Mission Bay that make up the UCSF site.

UCSF expects to return to the Regents in a few months to present a plan for developing the first building at the new site. The campus is working on the plan with the Bay Area Life Sciences Alliance (BALSA), a not-for-profit public benefit corporation established to support development of life sciences and biotechnology facilities in the Bay Area.

After a two-year review, three finalist sites were analyzed. Planners found that Mission Bay offers the best opportunity to fulfill campus goals and objectives and allows UCSF to develop on a single, contiguous parcel of land. The site is closer than the other finalists to UCSF's main site on Parnassus Avenue and is well-served by surface roads and planned public transit.

UCSF's long range planning effort has been guided by three advisory groups, including a diverse group of neighborhood, labor, ethnic, and business leaders. Campus officials remain committed to open and full communication with the community during long-range planning and development.

Researchers find key to language disorder

A startling new finding made by UCSF researchers strengthens evidence that a disorder which prevents millions of children in the US from keeping up in the classroom stems from an inability to process sound normally — not from problems that originate primarily in higher brain regions as many other scientists had earlier proposed.

The discovery holds the key to easier diagnosis of the disorder, called specific language impairment, researchers say. The finding already is being incorporated into the design of new training programs to improve language-learning skills in language-impaired children.

Children with specific language impairment fall behind in language skills despite normal intelligence and apparently normal hearing. The source of the problem has been poorly understood, and standard speech therapy techniques used to treat the disorder have proved unsatisfactory.

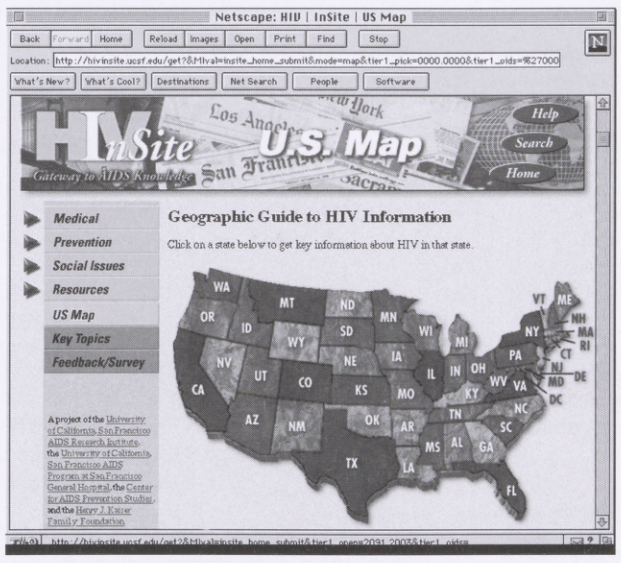
Researchers found that children with specific language impairment are affected much more profoundly than unimpaired children by a phenomenon known as "masking." Masking refers to a natural limitation in the human ability to detect any particular sound that is presented simultaneously or within a small fraction of a second of other "masking" sounds.

Scientist Beverly Wright conceived and conducted the study in a group led by Michael Merzenich, professor of otolaryngology and a researcher with the W.M. Keck Foundation Center for Integrative Neuroscience at UCSF.

Specific language impairment affects about ten percent of children, says Merzenich.

"This study provides a basis for early identification of this disorder, and helps us to define the problem more precisely," he says. "It also has implications for how we might better treat language-impaired children. Additionally, the study may lead to new insights regarding the neurological basis of this disorder and of language processing in general."

For more information, visit the UCSF website on language-based learning disabilities at www.ld-ucsf.edu or call Scientific Learning Corp. at 415/296-1470.

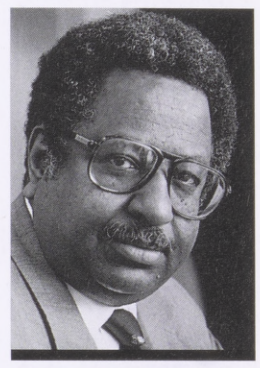


HIV website debuts

The website created and launched by experts from the top-rated UCSF AIDS Program at San Francisco General Hospital and the UCSF Center for AIDS Prevention Studies, programs of the UCSF AIDS Research Institute, has received considerable attention since its recent debut — getting more than 200,000 hits so far.

The only website in existence that contains research written, edited and maintained by frontline AIDS researchers, "HIV InSite" is a one-stop shop for reliable, peer-reviewed AIDS information about treatment, clinical trials, basic research, social issues and prevention. Check it out at http://hivinsite.ucsf.edu.

Debas becomes chancellor



Debas

Tapped by UC President Richard Atkinson to lead UCSF during a time of unparalled challenges, Haile T. Debas, 60, will serve as UCSF's seventh chancellor for up to a year.

Debas acknowledges the great demands ahead. "This is not a time for a caretaker chancellor. It is a crucial period in UCSF's history. My primary goal is to make sure we don't lose momentum as the campus works to accomplish many vital projects — including development of UCSF Stanford Health Care," Debas says.

He was chair of the UCSF department of surgery from 1987 until his appointment as dean of the UCSF School of Medicine in 1993. As dean, Debas has played a key role in all of the major campus initiatives, including forming the merged organization and developing plans for a new major site at Mission Bay. Born in Asmara, Eritrea (previously part of Ethiopia), Debas was educated at the University College, Addis Ababa. He received his medical degree at McGill University in Montreal and postgraduate training at the University of British Columbia in Vancouver.

Merger date set for Sept. 1

UCSF Stanford Health Care officials announced that the target date for the merger of clinical services of both universities is now set for September 1.

"This is our goal and certainly we have to remain flexible and respond to any difficulties we encounter in the coming months, but we hope to achieve this timeline," says Peter Van Etten, CEO for UCSF Stanford Health Care.

The original date for completion of the merger was set for July 1, but much work remains to be done. By mid-July, officials hope to obtain approval of final merger documents and legal agreements from both the UC Regents and the Stanford University Board of Trustees. Following that step, job offer letters can be distributed, acceptances processed and the new payroll set up.

SFGH opens surgery lab

San Francisco General Hospital opened the UCSF Surgery Laboratory recently to serve faculty and residents in surgery who will conduct research that will ultimately lead to improved patient care.

The lab was constructed as a result of a partnership between the UCSF School of Medicine, the City and County of San Francisco, the UCSF Department of Surgery and the UCSF Division of Surgery at SFGH, says William Schecter, chief of surgery at SFGH.

Researchers will concentrate their efforts on the study of the systemic inflammatory response syndrome at the lab, located on the second floor of Building 1 on the SFGH campus.

Shuttles enforce restrictions

The UCSF shuttle service will begin limiting rides to faculty, staff, students, patients and patient family members and formal guests only, as a way to ensure passenger safety and convenience, says Jon Gledhill, director of Parking & Transportation Services.

As a result, riders may be required to show the driver appropriate identification in order to board the shuttle. Although this policy has been in place since the inception of the service, enforcement is necessary to curb overcrowding, Gledhill says. For more information, call 476-2560.

More news for you

on the back page

What's happening

To Our Neighbo
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events at UC Sa

Special Events

Poetry Reading. UCSF Arts & Performances presents a free summer reading sponsored by UCSF Poets on Parnassus on Friday, July 11 at 4:30 p.m. in Toland Hall. Bay Area poets will read from their latest books. For more information, call 476-6761.

UCSF Women's Health Baby Fair. Co-Sponsored by San Francisco Peninsula Parent, this unique free event, to be held in Saunders Court on Saturday, Sept. 13 from 9 a.m. to 3 p.m., includes booths set up by neighborhood retailers and UCSF professionals with information about women's health, obstetrics, child development, pre-natal testing, parenting and more. Other activities include yoga demonstrations, complimentary massages, clowns and a maternity fashion show. Seminars on effective family planning, choosing a child care provider, same sex parenting and balancing career and motherhood will be held throughout the day. For more information, call 476-0668.

Passport Fashion Show. This annual fashion extravaganza co-sponsored by Macy's raises funds for AIDS research and patient services. The event takes place on Thursday and Friday, Sept. 18 and 19. For more information, call 393-3050.

Brown Bag Lectures

UCSF Public Service Programs offers free lectures held weekly at 12:10 p.m. on Wednesdays in Room N 225 during July and August and in Toland Hall during September (P); monthly on Thursdays in Room 125, UCSF/Mission Center Building (MCB); and monthly on Tuesdays in Herbst Hall, UCSF/ Mount Zion (MZ). Call 476-4394.

July 2: **The Future of Social Security.** (P)

July 9: **HIV Therapy 1997: The End of AIDS?** (P)

July 15: **Healthy International Travel.** (MZ)

July 16: **Refining Our Ability to Detect Prostate Cancer.** (P)

July 17: **Chronic Muscle Pains: Solving the Mystery.** (MCB)

July 23: **What Every Woman Should Know About Urinary Incontinence.** (P)

July 30: **Enhance Your Professional Marriage.** (P)

Aug. 6: **Facial Cosmetic Surgery: A New Standard of Excellence.** (P)

Aug. 13: **Alternative Medicine: Implications for Clinical Practice.** (P)

Aug. 19: **Feel Fantastic.** (MZ)

Aug. 20: **Beyond Grief: Surviving a Loss.** (P)

Aug. 21: To be arranged. (MCB)

Aug. 27: **Prescription for Healthy Aging.** (P)

Sept. 3: **Controlling Your Pain.** (P)

Sept. 10: **Weekend Adventures in Northern California.** (P)

Sept. 16: **Menopause: Health Issues for the Prime Time.** (MZ)

Sept. 17: **Diabetes and Your Oral Health.** (P)

Sept. 18: **Sleep Disorders.** (MCB)

Sept. 24: **The Changing Role of the Community Pharmacist.** (P)

AIDS Programs

The UCSF AIDS Health Project (AHP) offers a variety of free support groups for residents of San Francisco. Drop-in groups, monthly disability workshops, social events and meditation and self-help groups also are offered. The Project also provides free individual risk assessments and referrals. For more information, visit the AHP at its new location, 400 Castro St., call 476-3902 or visit them online at www.ahp.ucsf.edu.

Great Expectations for Women's Health

This program sponsors many educational opportunities for expectant parents at the UCSF Birth Center, 400 Parnassus. For a schedule of additional birthing and parenting classes, and registration, call 476-6667.

Wednesday, July 9: **San Francisco Mothers of Twins.** Second Wednesday of each month.

Monday, July 14: **Healthy Pregnancy.** Class covers physical and emotional changes, weight gain, diet, exercise, avoiding harmful chemicals, fetal development, stress reduction, and employment. Cost is $20 for one person, $25 for two.

Wednesday, July 16: **Childbirth Film Series Begins.** "Childbirth Choices: Options for Labor and Birth." Other films include "Labor Support and Medication During Childbirth," Wednesday, Aug. 6 and "Birth Alternatives: Adapting Home Birth Methods to Hospital Birth." For locations, call 476-MOMS.

Monday, July 21: **Infant and Child Emergency Care.** Focuses on assessing the signs of illness, basic first-aid, and childproofing. $20 for one person, $25 for two. Call 476-6667 for location.

Wednesday, July 30: **Refresher Childbirth Preparation.** For women who've given birth before, this class reviews labor process, breathing, relaxation techniques and medication options. $55. 6:30-9:30 p.m. For location, call 476-6667.

Wednesday, Aug. 13: **Feeding Your Baby: Breastfeeding/Formula Feeding.** This class, for women early in pregnancy, focuses on making a decision about infant feeding options. 3-4 p.m.

Campus Tours

All tours are free and begin at 1 p.m. on the first Friday of each month. Meet in the Moffitt/ Long Hospital lobby. Sponsored by Public Service Programs. Call 476-4394.

Blood Drive

A blood drive is scheduled for Wednesday, July 16, from 9 a.m. to 5 p.m. at MU Conference Center. Donations are accepted any weekday, 8 a.m.-7:45 p.m., or Saturday, 9 a.m.-4:30 p.m., at UCSF's Blood Donor Center, Room 131, Long Hospital. For more information and appointments, call 476-6989.

Women's Programs

Events sponsored by the Women's Resource Center, unless otherwise noted. Call 476-5222 to register for workshops and for information on ongoing support groups.

Saturday, July 26: **Self-Defense for Women — Level II.** Millberry Union Fitness Center, Studio 2, 1:30-5:30 p.m. Cost is $25 for UCSF affilliates and seniors, $50 for general public.

Saturday, August 23: **Self-Defense for Women — Level I.** Millberry Union Fitness Center, Studio 2, 10:30 a.m.-5:30 p.m. Cost is $40 for UCSF affiliates and seniors and $65 for general public.

Art Exhibits

UCSF Library. A portion of UCSF's East Asian Collection, which includes artifacts from the 17th through 19th centuries, will be displayed in the first floor gallery of the UCSF Library through Monday, Sept. 1. The majority of Japanese wood block prints — or Ukiyo-e — gathered for this collection focus on health, whether depicting disease or advertising medications from that period.

Faculty/Alumni House. The abstract mixed media works of artist Ann Baldwin, which are inspired by the forces that shape the earth, will be on dieplay through Saturday, Aug. 30. Monday through Friday, 8:30 a.m.-5 p.m.

Recreation and Education

UCSF Millberry Fitness Center. Features ongoing classes in swimming, arts, crafts, music, language and more. The progressive wellness program offers classes in meditation, joint care, Feldenkrais, Pilates, tai chi, and yoga. Call 476-1115 for a catalog of classes.

Community Health Education Series. The UCSF/Mount Zion Center on Aging, held on Saturdays from 8:30 a.m.-12:30 p.m. Call 750-5342 to register and for locations.

Outdoors Unlimited. A cooperative resource center for outdoor recreation and adventure offers an array of activities. For more information, call 476-1469.

Brown & Toland

Programs
The following Brown & Toland Wellness Programs are available this summer at UCSF, Mount Zion and California Pacific Medical Center campuses. All senior programs are free. Most other programs are discounted for Brown & Toland Medical Group members. For more information on senior programs, call 800/CALL-MDS. For non-senior programs, call 749-4062.

Senior programs in July include "Maintaining Control of Your Health Care Decisions," "Back Care and Pain Management," "Earthquake Preparedness," and "Home Safety." In August: "Art of Movement to Music," "Yoga for Wellness," "Facts on Generic Drugs," and "Healthwise for Life." In September: "Nutritional Updates" and "Dining Out Healthy."

Programs available to persons of all ages include "Asthma Self-Management," "Diabetes Self-Management," "Injury Prevention/CPR/ First Aid," "Nutrition," "Pregnancy and Parenting," "Smoking Cessation," "Stress Management," "Weight Management," and "Women's Health."

Managed Care Plans
With open enrollment beginning soon, this offers a good opportunity to evaluate your satisfaction with your health care. The Brown & Toland Medical Group is a partnership of doctors from UCSF and California Pacific offering access to over 1,200 of the city's top primary care and speciality physicians.

If you wish to choose a UCSF physician and/ or access the UCSF Medical Center, the following managed care plans are accepted by UCSF Brown & Toland physicians. For information on UCSF physicians, call the UCSF Health Connection at 415/885-7777 or the Brown &Toland Medical Group at 1-800-CALL-MDS.

Full Service HMOs
- Blue Cross California Care
- Blue Shield Access+
- Cigna HMO
- FHP HealthCare HMO
- Foundation Health HMO
- Health Net HMO
- Maxicare HMO
- One Health Plan HMO
- Omni HealthCare HMO
- PacifiCare HMO
- Prudential HealthCare HMO

Full Service HMO Senior Plans
- Cigna Senior
- Health Net Seniority Plus
- Prudential HealthCare SeniorCare
- Secure Horizons, a division of PacifiCare
- Shield 65

Point of Service Plans
- Blue Cross Plus POS
- Blue Shield HMO Plus POS
- Cigna POS
- FHP POS
- Foundation Health POS
- Health Net Select POS
- Health Net Elect Exclusive Provider POS
- PacifiCare POS
- Prudential Health Care POS

Volunteer Orientation

Program to acquaint prospective volunteers with opportunities available in the Medical Center at UCSF meets at LPPI and UCSF/ Mount Zion in Herbst Hall. For dates and times of Parnassus volunteer orientations, call 885-1196. Call 885-7353 for UCSF/ Mount Zion schedule.

UCSF'S ELECTRONIC DAILY
DAYBREAK
FOR DAILY NEWS GO TO www.ucsf.edu/daybreak/

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Institute of Healing Arts & Sciences

The Institute of Healing Arts & Sciences offers a series of talks and workshops on alternatives in health care and healing. Talks held on Fridays at noon in Room N 217 (unless otherwise noted). Call 330-5353 for August and September events and for more information.

July 11: **Every Step a Prayer: Rituals and Ceremonies for Healing.**

July 18: **Stress Management Through Hypnosis.**

July 25: **Using Light for Therapy.**

Support Groups

Alzheimer's Caregiver Support Group. Facilitated by a social worker, this group is for people who take care of someone with Alzheimer's or a related dementia. Meets the first Saturday of the month. Co-sponsored by the Alzheimer's Association. 10:30 a.m.-noon. UCSF/Mount Zion Center on Aging Alzheimer's Day Care Center, 3600 Geary Blvd. Call 800/660-1993.

AWAKE. Alert, well and keeping energetic is a support and education group for people with sleep apnea and their families. Meets the third Thursday of each month and features guest speakers on topics relating to sleep apnea, followed by time for socializing and support. Bring your CPAP equipment to have it checked by a homecare specialist. Sponsored by UCSF/Mount Zion Sleep Disorders Center. Call 885-7886.

Cancer programs and support groups. UCSF/Mount Zion Cancer Center offers free cancer programs and support groups, including dance therapy, t'ai chi, exercise and nutrition classes, plus support groups for cancer patients of all kinds and their families and friends. Call 885-3693 for reservations.

Cancer Referral Hotline. The UCSF Cancer Referral Service enables cancer patients to place just one telephone call and learn the names of UCSF doctors specializing in the kind of treatment they need. Call 800/888-8664.

Look Good, Feel Better. Expert cosmetic advice for people who have undergone chemotherapy or radiation. Held every other month in 11 Long Solarium, Long Hospital, and at UCSF/Mount Zion. Co-sponsored by the American Cancer Society and supported by the Donna Smith Fund. Call 476-1383 to pre-register for Parnassus meetings, 885-3693 for UCSF/Mount Zion meetings.

Location Key

Cole Hall — 513 Parnassus Ave.
Laurel Heights — 3333 California Ave.
LPPI — 401 Parnassus Ave.
Millberry Union (fitness and conference centers) — 500 Parnassus Ave.
MCB — Mission Center Building, 1855 Folsom St.
Moffitt/Long Hospitals — 505 Parnassus Ave.
UCSF/Mount Zion — 1600 Divisadero St.
N — School of Nursing, enter at 513 Parnassus Ave.
Outdoors Unlimited — enter beneath UCSF Library, 530 Parnassus Ave.
Toland Hall — 521 Parnassus Ave.

UCSF

University of California San Francisco
Public Affairs
3333 California Street, Suite 103
San Francisco, CA 94143-0462

His cartilage cells were grown in a lab and later implanted.

He heard a crack in his right knee.

Devon Spencer had just gone airborne. The "heel flip" was a trick he had maneuvered many times, spinning his skateboard while thrusting himself a good three feet off the ground. Minutes later his knee, which had swelled to the size of a grapefruit, could not even support his 130 pounds.

It was just over a year ago that the athletic future of the active teenager seemed to be headed for a crash landing. Arthroscopic surgery, in which his surgeon hoped to quickly mend some torn cartilage and get the Santa Rosa 16-year-old back on his feet, revealed a much more serious injury than anticipated. Devon's articular cartilage — the thin but tough layer of tissue which cushions joints — had sheared from the bone. He had lost much of the smooth lining that acts as shock absorber and allows for frictionless motion of the knee. On top of that, the bone in the main weight-bearing area of the joint, just below the thigh, was found to be fractured. "Our surgeon was really good about it," says Devon's father David Spencer. "He said it was something he could not fix, but he suggested we see Dr. [W. Dilworth] Cannon at UCSF."

Articular cartilage in healthy joints slowly regenerates as it wears out, but it cannot recover naturally from the trauma of severe injury, such as that suffered by athletes and daredevil teens. Without surgery, Devon faced a lifetime with a severely arthritic knee and restricted physical activity, says Cannon, who directs UCSF's Sports Medicine Center. This was not acceptable to Devon, who had starred as a soccer player and cross country runner (a near five-minute miler when he was only 14) and had played high school football and basketball. He was too young to have the knee of an 80-year-old. "I was willing to do whatever I had to do to get my knee back to normal," says Devon.

Thanks to his determination, the miracles of modern medicine and a medical center and surgeon able to use the newest technologies, Devon appears to be in the stretch run on his road to recovery. But it took two major surgeries and six months of knee rest and rehabilitation just to get him to the starting line. Last July, Cannon fixed the fracture by taking healthy bone from Devon's hip and grafting it to the damaged area in the knee. He later removed a tiny slice of healthy cartilage from a non-weight-bearing area of Devon's knee. The tissue was sent to the Genzyme Tissue Repair Laboratory in Cambridge, Massachusetts. While Devon stayed off his feet for several weeks, his cartilage cells were nourished and multiplied in a specialized processing facility.

This was a key step prior to a procedure — autologous chondrocyte implantation — in which Devon's own cells for generating cartilage were grown in a laboratory and then inserted back into the knee. The technique was introduced by Swedish scientists in the late 1980s, as other research efforts to regenerate cartilage in damaged joints were not successful. UCSF is one of a number of centers in the country performing the procedure, which eventually could benefit hundreds of athletes and weekend warriors.

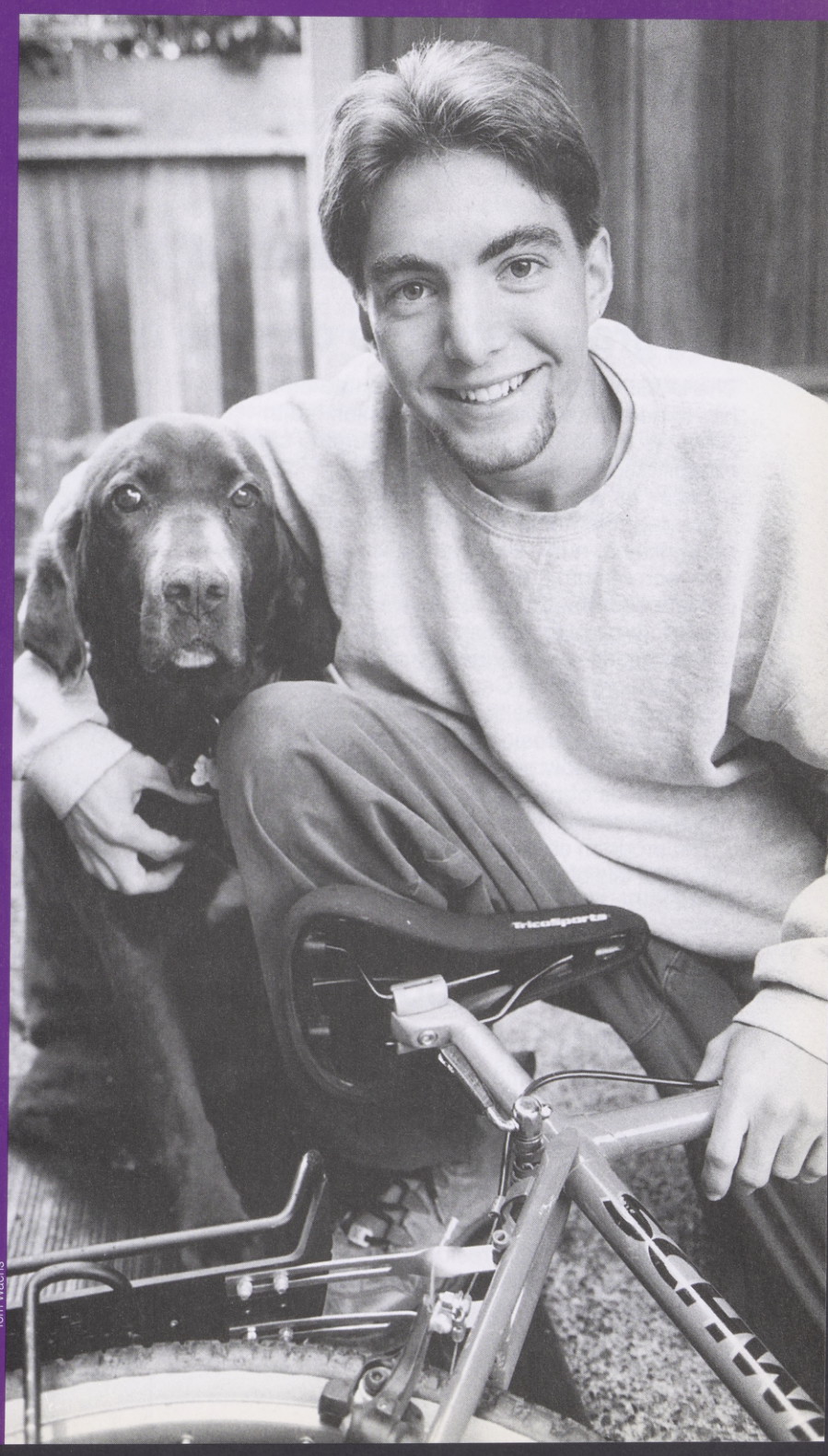
In September, Cannon removed Devon's damaged knee cartilage, and then a piece of periosteum — the thin tissue that covers bone — from his shin bone. This piece, sutured over the cartilage defect, would serve as a protective cover for the cells that would be implanted just beneath it. Cannon then injected millions of new cartilage cells — more than 10 times the amount removed two months before — into the cavity, where they would grow and ultimately restore function.

For more than two months, when Devon was not on crutches, a machine helped flex and exercise the knee. By the end of December, he was up and around on his own. "His recovery has been remarkable," says his father.

Devon has been bicycling and will soon take up boxing lessons, which require a lot of shuffling and footwork. Last month he ran 200 yards, the first time he's let his knee really turn loose, although he admits he may have been overzealous. On a recent hike near the Russian River, Devon leaped from a rock, despite his girlfriend's warning, but fortunately, felt no pain or discomfort. Devon doesn't know if he will go back to skateboarding, but he's not ruling out anything. After all, he's only 17, and has a lot of years ahead of him.

— Andy Evangelista

For more information, call the UCSF Sports Medicine Center at 415/476-8936.



Tom Wachs

July/August/September 1997

To Our Neighbors

UCSF to develop major campus at Mission Bay in San Francisco

Dean Halle Debas to serve as chancellor for a year

Researchers find key to language disorder in children

UCSF
University of California San Francisco
3333 California Street, Suite 103, San Francisco, CA 94143-0462

To Our Neighbors

Program caters to diverse needs of seniors

The UCSF-affiliated Goldman Institute on Aging has joined forces with On Lok SeniorHealth Services to provide medical and nursing care, rehabilitation, medication, dental and podiatry services as well as social activities for the elderly.

The team of health care professionals, including geriatricians, nurses and social workers, rehab and recreational therapists, works together to provide seamless care to older adults who might otherwise be placed in a nursing home. Hospitalization needs are provided through the UCSF/Mount Zion Medical Center.

On Lok SeniorHealth began 25 years ago with one site serving residents of Chinatown.The program has now grown to five centers that cater to the needs of nearly 600 seniors citywide. It is a nationally recognized model in managed care.

The program continues to enroll Medicare and Medi-Cal eligible seniors for the new site at 1426 Fillmore St. For more information, call 415/447-1000.

Chris T. Anderson

June Tucker, right, celebrates her 100th birthday with her sister Myrtle Larson at the On Lok SeniorHealth Center.

UC research boosts US inventions

UCSF's biomedical research — the most cited among UC campuses and fifth overall in the country — is a leading contributor to the nation's patented inventions, according to a study for the National Science Foundation (NSF).

"This is a strategic time to invest in university-industry partnerships that put the products of university research directly to work in the economy," says UC President Richard Atkinson.

UC research published in scientific journals was cited as a basis for US invention more than any other public or private research in the US. The study found strong evidence that publicly financed scientific research funded by the federal government or nonprofit agencies at both public and private research universities and laboratories plays a surprisingly important role in breakthroughs and inventions produced by private industry in the US.

The study is the most thorough examination of the scientific foundation of American patents, according to NSF.

Alcoholism

The Gallo Center in the Department of Neurology seeks participants for a genetic study on alcoholism and personality. Participants must have at least one sibling who also will participate. Either one must be an alcoholic or in recovery. For more information, call 648-7111, ext. 308.

Breast cancer and diet

The General Clinical Research Center is conducting a study of women ages 18 to 70 who have been diagnosed and treated for breast cancer within the past four years. Researchers are seeking to know whether a diet high in fruits and vegetables and low in fats can reduce the risk of breast cancer. Many studies have suggested that diet may play an important role in the development of breast cancer and its recurrence. The study will require participants to report their eating habits periodically. For more information, call Judy Brodsky, program coordinator, at 510/429-2580.

Depression

The UCSF Department of Psychiatry is seeking volunteers to participate in a study on the role of two steroid hormones, cortisol and DHEA, in depression. Participants must meet the criteria for major depression and have no serious health problems. Weekly morning visits are required during the seven-week study. Visits will include a blood draw and mood and memory assessment. Investigational treatment medication will be provided at no charge. Interested individuals should contact Audrey Keebler at 476-5858.